



eDucation in Arkansas  
Technology Assessment  
(eD@T@)

## SHARP County



**eDucation In Arkansas  
Technology Assessment  
(eD@T@)**

## **CAVE CITY SCHOOL DISTRICT**

**District LEA Number**

6802000

**District Address**

PO BOX 600  
CAVE CITY, AR 72521

**Superintendent Name**

Mr STEVEN T. GREEN

**County**

SHARP

## Network Information

Network	2004	2007/2008	State Avg	National Avg
Number of rooms	91	188	198	NA
Number of rooms with active connections	87	188	192	NA
Percent of rooms with active network connections	96%	100%	97%	94%
Most common type of cable to serve network connection	Category 5E or better 3 Unshielded Twisted Pair	Category 5E or better Unshielded Twisted Pair cable	Category 5E or better Unshielded Twisted Pair cable	NA
Provides wireless for access to the Internet	NA	Yes	82%	45%

District WAN Bandwidth Capacity	2004	2007/2008	State Avg	National Avg
Bandwidth available	3.1 Mbps	9.2 Mbps	6.06 Mbps	97%
Number of buildings supported per Internet connection	9	16	16	NA
Number of Internet accessible connections	224	358	411	NA
Number of students supported by Internet accessible connections	1,046	1,320	1,822	NA
Number of school employees supported by Internet accessible connections	87	137	274	NA

## Applications Information

State and Administration Applications	Yes	NO	Percent of Districts in State Utilizing these Tools	Definition
APSCN Pentatamation	X		97%	Financial and Student management applications
Triand	X		95%	Electronic transcript transfer application
Cognos	X		91%	School data financial reports application
Special Education (SEAS)	X		95%	Web based application for Special Education due process
Locally Provided E-mail System	X		99%	E-mail server such as GroupWise or Exchange
Electronic Grade Books	X		91%	Application for automated grade and/or attendance reporting
Electronic Library Applications	X		95%	Provides electronic tracking of book inventory, most provide for automated checkout of books
Electronic Cafeteria Applications	X		76%	Provides electronic tracking of student Free/Reduced/Regular status and student lunch counts
Electronic Bus Route Applications		X	11%	Provides electronic tracking fo bus routes, student bus assignments and mileage
Voice Over Internet Protocol (VOIP)		X	11%	A technology that allows you to make voice calls using a broadband internet connection instead of a regular (or analog) phone line
Online Learning for Staff	X		78%	Web based professional development

## Hardware / Software Information

Hardware/Software	Division	Ratio	State Avg	National Avg
Student / Computer	Elementary	3.4:1	4.2:1	4.5:1
	Middle/Jr. High	3:1	1.7:1	4.0:1
	High School	2:1	2.5:1	3.4:1
Student / CIV lab	All	1,320:1	1,435:1	NA
Student / Interactive White Boards	Elementary	300:1	103:1	NA
	Middle/Jr. High	NR	37:1	NA
	High School	129:1	59:1	NA
Student / LCD or DLP Projectors	Elementary	50:1	49:1	NA
	Middle/Jr. High	42:1	18:1	NA
	High School	39:1	26:1	NA
Student / Number of Non-Network and/or Non-Windows Devices	Elementary	NR	72:1	NA
	Middle/Jr. High	167:1	36:1	NA
	High School	48:1	49:1	NA
Student / Number of Hand-held Devices	Elementary	NR	222:1	NA
	Middle/Jr. High	NR	128:1	NA
	High School	NR	188:1	NA
Staff / Number of Hand-held Devices	Elementary	NR	26:1	NA
	Middle/Jr. High	NR	39:1	NA
	High School	NR	31:1	NA
Reported Electronically with Login Script				
Computer / Server	All	57:1	62:1	65:1
Pre-Windows 2000 Workstations / Windows 2000/XP/Vista	All	0:1	0.02:1	0.6:1
Reported Electronically with Scan Application				
Computers / Network Print Services	All	0.059:1	17:1	4:1 - 14:1
Technical Support Details	2004	2007/2008	State Average	National Average
Primary Technical Support	A computer technician from the local educational service cooperative on a non-contract basis	A full-time computer technician within this district shared with other LEAs	A full-time computer technician within this district shared with other LEAs	NA
Primary Instructional Technical Support	A certified staff member in this district is shared with other LEAs	A certified staff member within this district shared with other LEAs	A certified staff member within this district shared with other LEAs	NA
Technicians / Students	NA	1:1,320	1:958	1:550
Instructional Technical Support / Staff	NA	1:137	1:230	1:418 - 1:11,000
Technical Support Staff	NA	1	1.9	NA
Instructional Support Staff	NA	1	1.2	NA

## Classroom Use

<b>Video Conferencing</b>	<b>2004</b>	<b>2007/2008</b>	<b>State Avg</b>	<b>National Avg</b>
Number of video conferencing systems	NA	1	1.3	NA
Percentage of school day that the video equipment is in use	NR	25%	39%	NA
Video conferencing systems used for Elementary Instruction	False	False	8%	NA
Video conferencing systems used for Middle School / Jr. High Instruction	False	False	13%	NA
Video conferencing systems used for High School Instruction	False	True	79%	NA
Video conferencing systems used for Professional development	False	True	33%	NA
Video conferencing systems used for community access	False	False	6%	NA

<b>Classroom Technical Devices</b>	<b>Divison</b>	<b>2004</b>	<b>2007/2008</b>	<b>State Avg</b>	<b>National Avg</b>
Number of interactive white boards (such as Smart Boards)	Elementary	3	2	9.7	24%
	Middle/Jr. High	NR	0	7.6	34%
	High School	4	3	9.2	41%
Number of LCD or DLP projectors installed	Elementary	6	12	20.4	NA
	Middle/Jr. High	NR	8	15.3	NA
	High School	10	10	20.7	NA
Number of non-Internet accessible or non-Windows devices (PCs, Macintosh computers, printers, peripherals)	Elementary	40	0	13.8	20%
	Middle/Jr. High	NR	2	7.8	
	High School	57	8	11.1	
Number of hand-held devices for staff (a small hand-held computer like a PDA or an iPod)	Elementary	NA	0	2.2	NA
	Middle/Jr. High	NA	0	1.2	NA
	High School	NA	0	1.8	NA
Number of hand-held devices for students (a small hand-held computer like a PDA or an iPod)	Elementary	NA	0	4.5	NA
	Middle/Jr. High	NA	0	2.2	NA
	High School	NA	0	2.9	NA

## Classroom Use (cont.)

Student Online Learning (e-Learning)	2004	2007/2008	# of Schools Using (out of 1,102)
EAST Lab	True	True	146
ADE / AETN United Learning / Streaming Video Project	True	True	818
Web-based classes	NA	False	139
ExploreNet	False	False	13
AETN IDEAS	NA	True	368
ADEDLC - Arkansas Department of Education's Distance Learning System	NA	False	148
DCDL - Dawson Center for Distance Learning	NA	False	36
Compressed Interactive Video (CIV)	NA	True	201
Cisco Academy	NA	False	12
Oracle Academy	NA	False	6
ASMSA Office of Distance Learning	NA	False	67
NORMES	False	NA	NA
Virtual High School (AVHS)	False	False	93
Traveler Online Database Project	NA	True	250

Computer Home Access Programs	YES	NO	Percent of Districts in State Utilizing a Home Access Program
Provide a loan out program		X	6.35 %
Provide a purchase Program		X	1.98 %

e-Learning or Distance Education & Video Streaming	2007/2008	State Average	National Average
e-Learning or Distance Education Statistics	0.00%	29%	21%
Video Streaming Statistics	1.17%	79%	33%



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## **HIGHLAND SCHOOL DISTRICT**

**District LEA Number**

6804000

**District Address**

P.O. BOX 419  
HARDY, AR 72542

**Superintendent Name**

MR. RONNIE BROGDON

**County**

SHARP

## Network Information

Network	2004	2007/2008	State Avg	National Avg
Number of rooms	142	132	198	NA
Number of rooms with active connections	140	132	192	NA
Percent of rooms with active network connections	99%	100%	97%	94%
Most common type of cable to serve network connection	Category 5E or better 3 Unshielded Twisted Pair	Category 5 Unshielded Twisted Pair cable	Category 5E or better Unshielded Twisted Pair cable	NA
Provides wireless for access to the Internet	NA	No	82%	45%

District WAN Bandwidth Capacity	2004	2007/2008	State Avg	National Avg
Bandwidth available	0 Mbps	3.1 Mbps	6.06 Mbps	97%
Number of buildings supported per Internet connection	7	8	16	NA
Number of Internet accessible connections	496	201	411	NA
Number of students supported by Internet accessible connections	1,639	1,522	1,822	NA
Number of school employees supported by Internet accessible connections	165	199	274	NA

## Applications Information

State and Administration Applications	Yes	NO	Percent of Districts in State Utilizing these Tools	Definition
APSCN Pentatamtion	X		97%	Financial and Student management applications
Triand	X		95%	Electronic transcript transfer application
Cognos	X		91%	School data financial reports application
Special Education (SEAS)	X		95%	Web based application for Special Education due process
Locally Provided E-mail System	X		99%	E-mail server such as GroupWise or Exchange
Electronic Grade Books	X		91%	Application for automated grade and/or attendance reporting
Electronic Library Applications	X		95%	Provides electronic tracking of book inventory, most provide for automated checkout of books
Electronic Cafeteria Applications	X		76%	Provides electronic tracking of student Free/Reduced/Regular status and student lunch counts
Electronic Bus Route Applications		X	11%	Provides electronic tracking fo bus routes, student bus assignments and mileage
Voice Over Internet Protocol (VOIP)		X	11%	A technology that allows you to make voice calls using a broadband internet connection instead of a regular (or analog) phone line
Online Learning for Staff	X		78%	Web based professional development



## Hardware / Software Information

Hardware/Software	Division	Ratio	State Avg	National Avg
Student / Computer	Elementary	4.1:1	4.2:1	4.5:1
	Middle/Jr. High	2:1	1.7:1	4.0:1
	High School	1.6:1	2.5:1	3.4:1
Student / CIV lab	All	1,522:1	1,435:1	NA
Student / Interactive White Boards	Elementary	39:1	103:1	NA
	Middle/Jr. High	18:1	37:1	NA
	High School	36:1	59:1	NA
Student / LCD or DLP Projectors	Elementary	20:1	49:1	NA
	Middle/Jr. High	15:1	18:1	NA
	High School	12:1	26:1	NA
Student / Number of Non-Network and/or Non-Windows Devices	Elementary	70:1	72:1	NA
	Middle/Jr. High	71:1	36:1	NA
	High School	39:1	49:1	NA
Student / Number of Hand-held Devices	Elementary	NR	222:1	NA
	Middle/Jr. High	NR	128:1	NA
	High School	NR	188:1	NA
Staff / Number of Hand-held Devices	Elementary	NR	26:1	NA
	Middle/Jr. High	NR	39:1	NA
	High School	NR	31:1	NA
Reported Electronically with Login Script				
Computer / Server	All	108:1	62:1	65:1
Pre-Windows 2000 Workstations / Windows 2000/XP/Vista	All	0.015:1	0.02:1	0.6:1
Reported Electronically with Scan Application				
Computers / Network Print Services	All	0.034:1	17:1	4:1 - 14:1
Technical Support Details	2004	2007/2008	State Average	National Average
Primary Technical Support	A part-time computer technician in this district is assigned only to this LEA	A part-time computer technician within this district shared with other LEAs	A full-time computer technician within this district shared with other LEAs	NA
Primary Instructional Technical Support	A certified staff member in this district is shared with other LEAs	A certified staff member within this district assigned only to this LEA	A certified staff member within this district shared with other LEAs	NA
Technicians / Students	NA	1:1,522	1:958	1:550
Instructional Technical Support / Staff	NA	1:199	1:230	1:418 - 1:11,000
Technical Support Staff	NA	1	1.9	NA
Instructional Support Staff	NA	1	1.2	NA

## Classroom Use

<b>Video Conferencing</b>	<b>2004</b>	<b>2007/2008</b>	<b>State Avg</b>	<b>National Avg</b>
Number of video conferencing systems	NA	1	1.3	NA
Percentage of school day that the video equipment is in use	NR	25%	39%	NA
Video conferencing systems used for Elementary Instruction	False	False	8%	NA
Video conferencing systems used for Middle School / Jr. High Instruction	False	False	13%	NA
Video conferencing systems used for High School Instruction	False	True	79%	NA
Video conferencing systems used for Professional development	False	True	33%	NA
Video conferencing systems used for community access	False	False	6%	NA

<b>Classroom Technical Devices</b>	<b>Divison</b>	<b>2004</b>	<b>2007/2008</b>	<b>State Avg</b>	<b>National Avg</b>
Number of interactive white boards (such as Smart Boards)	Elementary	1	18	9.7	24%
	Middle/Jr. High	1	20	7.6	34%
	High School	5	13	9.2	41%
Number of LCD or DLP projectors installed	Elementary	8	35	20.4	NA
	Middle/Jr. High	3	23	15.3	NA
	High School	13	39	20.7	NA
Number of non-Internet accessible or non-Windows devices (PCs, Macintosh computers, printers, peripherals)	Elementary	17	10	13.8	20%
	Middle/Jr. High	25	5	7.8	
	High School	29	12	11.1	
Number of hand-held devices for staff (a small hand-held computer like a PDA or an iPod)	Elementary	NA	0	2.2	NA
	Middle/Jr. High	NA	0	1.2	NA
	High School	NA	0	1.8	NA
Number of hand-held devices for students (a small hand-held computer like a PDA or an iPod)	Elementary	NA	0	4.5	NA
	Middle/Jr. High	NA	0	2.2	NA
	High School	NA	0	2.9	NA

## Classroom Use (cont.)

Student Online Learning (e-Learning)	2004	2007/2008	# of Schools Using (out of 1,102)
EAST Lab	False	False	146
ADE / AETN United Learning / Streaming Video Project	True	True	818
Web-based classes	NA	True	139
ExploreNet	False	False	13
AETN IDEAS	NA	True	368
ADEDLC - Arkansas Department of Education's Distance Learning System	NA	True	148
DCDL - Dawson Center for Distance Learning	NA	False	36
Compressed Interactive Video (CIV)	NA	True	201
Cisco Academy	NA	False	12
Oracle Academy	NA	False	6
ASMSA Office of Distance Learning	NA	False	67
NORMES	True	NA	NA
Virtual High School (AVHS)	False	True	93
Traveler Online Database Project	NA	True	250

Computer Home Access Programs	YES	NO	Percent of Districts in State Utilizing a Home Access Program
Provide a loan out program		X	6.35 %
Provide a purchase Program		X	1.98 %

e-Learning or Distance Education & Video Streaming	2007/2008	State Average	National Average
e-Learning or Distance Education Statistics	0.39%	29%	21%
Video Streaming Statistics	1.17%	79%	33%



**eEducation In Arkansas  
Technology Assessment  
(eD@T@)**

## **TWIN RIVERS SCHOOL DISTRICT**

**District LEA Number**

6806000

**District Address**

5749 OAK RIDGE ROAD  
RAVENDEN SPRINGS, AR 72460

**Superintendent Name**

MR. CARL D. GILLILAND

**County**

SHARP

## Network Information

Network	2004	2007/2008	State Avg	National Avg
Number of rooms	NR	70	198	NA
Number of rooms with active connections	NR	70	192	NA
Percent of rooms with active network connections	NR	100%	97%	94%
Most common type of cable to serve network connection		Category 5 Unshielded Twisted Pair cable	Category 5E or better Unshielded Twisted Pair cable	NA
Provides wireless for access to the Internet	NA	Yes	82%	45%

District WAN Bandwidth Capacity	2004	2007/2008	State Avg	National Avg
Bandwidth available	NR	6.1 Mbps	6.06 Mbps	97%
Number of buildings supported per Internet connection	NR	32	16	NA
Number of Internet accessible connections	NR	189	411	NA
Number of students supported by Internet accessible connections	NR	390	1,822	NA
Number of school employees supported by Internet accessible connections	NR	79	274	NA

## Applications Information

State and Administration Applications	Yes	NO	Percent of Districts in State Utilizing these Tools	Definition
APSCN Pentatamation	X		97%	Financial and Student management applications
Triand	X		95%	Electronic transcript transfer application
Cognos	X		91%	School data financial reports application
Special Education (SEAS)	X		95%	Web based application for Special Education due process
Locally Provided E-mail System	X		99%	E-mail server such as GroupWise or Exchange
Electronic Grade Books		X	91%	Application for automated grade and/or attendance reporting
Electronic Library Applications	X		95%	Provides electronic tracking of book inventory, most provide for automated checkout of books
Electronic Cafeteria Applications		X	76%	Provides electronic tracking of student Free/Reduced/Regular status and student lunch counts
Electronic Bus Route Applications		X	11%	Provides electronic tracking fo bus routes, student bus assignments and mileage
Voice Over Internet Protocol (VOIP)		X	11%	A technology that allows you to make voice calls using a broadband internet connection instead of a regular (or analog) phone line
Online Learning for Staff	X		78%	Web based professional development

## Hardware / Software Information

Hardware/Software	Division	Ratio	State Avg	National Avg
Student / Computer	Elementary	2.4:1	4.2:1	4.5:1
	Middle/Jr. High	NR	1.7:1	4.0:1
	High School	2:1	2.5:1	3.4:1
Student / CIV lab	All	130:1	1,435:1	NA
Student / Interactive White Boards	Elementary	166:1	103:1	NA
	Middle/Jr. High	NR	37:1	NA
	High School	46:1	59:1	NA
Student / LCD or DLP Projectors	Elementary	166:1	49:1	NA
	Middle/Jr. High	NR	18:1	NA
	High School	70:1	26:1	NA
Student / Number of Non-Network and/or Non-Windows Devices	Elementary	NR	72:1	NA
	Middle/Jr. High	NR	36:1	NA
	High School	NR	49:1	NA
Student / Number of Hand-held Devices	Elementary	NR	222:1	NA
	Middle/Jr. High	NR	128:1	NA
	High School	NR	188:1	NA
Staff / Number of Hand-held Devices	Elementary	NR	26:1	NA
	Middle/Jr. High	NR	39:1	NA
	High School	NR	31:1	NA
Reported Electronically with Login Script				
Computer / Server	All	71:1	62:1	65:1
Pre-Windows 2000 Workstations / Windows 2000/XP/Vista	All	0:1	0.02:1	0.6:1
Reported Electronically with Scan Application				
Computers / Network Print Services	All	0.032:1	17:1	4:1 - 14:1
Technical Support Details	2004	2007/2008	State Average	National Average
Primary Technical Support	NR	A part-time computer technician within this district assigned only to this LEA	A full-time computer technician within this district shared with other LEAs	NA
Primary Instructional Technical Support	NR	Education service cooperative personnel	A certified staff member within this district shared with other LEAs	NA
Technicians / Students	NA	1:390	1:958	1:550
Instructional Technical Support / Staff	NA	1:79	1:230	1:418 - 1:11,000
Technical Support Staff	NA	1	1.9	NA
Instructional Support Staff	NA	1	1.2	NA

## Classroom Use

<b>Video Conferencing</b>	<b>2004</b>	<b>2007/2008</b>	<b>State Avg</b>	<b>National Avg</b>
Number of video conferencing systems	NA	3	1.3	NA
Percentage of school day that the video equipment is in use	NR	75%	39%	NA
Video conferencing systems used for Elementary Instruction	NR	False	8%	NA
Video conferencing systems used for Middle School / Jr. High Instruction	NR	False	13%	NA
Video conferencing systems used for High School Instruction	NR	True	79%	NA
Video conferencing systems used for Professional development	NR	False	33%	NA
Video conferencing systems used for community access	NR	False	6%	NA

<b>Classroom Technical Devices</b>	<b>Divison</b>	<b>2004</b>	<b>2007/2008</b>	<b>State Avg</b>	<b>National Avg</b>
Number of interactive white boards (such as Smart Boards)	Elementary	NR	1	9.7	24%
	Middle/Jr. High	NR	0	7.6	34%
	High School	NR	3	9.2	41%
Number of LCD or DLP projectors installed	Elementary	NR	1	20.4	NA
	Middle/Jr. High	NR	0	15.3	NA
	High School	NR	2	20.7	NA
Number of non-Internet accessible or non-Windows devices (PCs, Macintosh computers, printers, peripherals)	Elementary	NR	0	13.8	20%
	Middle/Jr. High	NR	0	7.8	
	High School	NR	0	11.1	
Number of hand-held devices for staff (a small hand-held computer like a PDA or an iPod)	Elementary	NA	0	2.2	NA
	Middle/Jr. High	NA	0	1.2	NA
	High School	NA	0	1.8	NA
Number of hand-held devices for students (a small hand-held computer like a PDA or an iPod)	Elementary	NA	0	4.5	NA
	Middle/Jr. High	NA	0	2.2	NA
	High School	NA	0	2.9	NA

## Classroom Use (cont.)

Student Online Learning (e-Learning)	2004	2007/2008	# of Schools Using (out of 1,102)
EAST Lab	NR	False	146
ADE / AETN United Learning / Streaming Video Project	NR	True	818
Web-based classes	NA	False	139
ExploreNet	NR	False	13
AETN IDEAS	NA	True	368
ADEDLC - Arkansas Department of Education's Distance Learning System	NA	False	148
DCDL - Dawson Center for Distance Learning	NA	False	36
Compressed Interactive Video (CIV)	NA	True	201
Cisco Academy	NA	False	12
Oracle Academy	NA	False	6
ASMSA Office of Distance Learning	NA	True	67
NORMES	NR	NA	NA
Virtual High School (AVHS)	NR	True	93
Traveler Online Database Project	NA	True	250

Computer Home Access Programs	YES	NO	Percent of Districts in State Utilizing a Home Access Program
Provide a loan out program		X	6.35 %
Provide a purchase Program		X	1.98 %

e-Learning or Distance Education & Video Streaming	2007/2008	State Average	National Average
e-Learning or Distance Education Statistics	0.39%	29%	21%
Video Streaming Statistics	0.39%	79%	33%